

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031200.D
 Acq On : 08 Sep 2022 08:48
 Operator : JC/MD
 Sample : PB147495ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147495ZHE#04

Quant Time: Sep 08 13:59:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

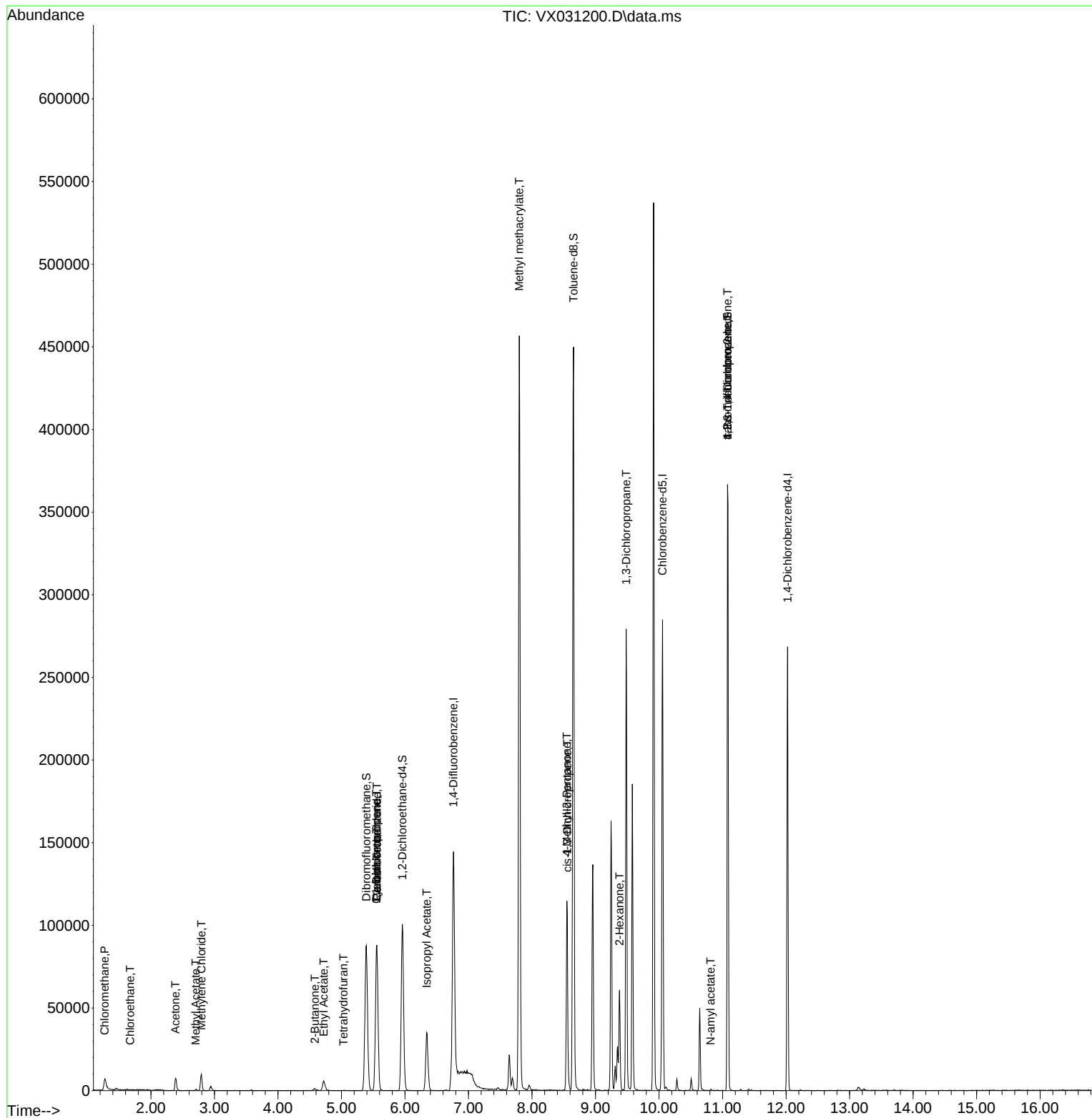
Internal Standards						
1) Pentafluorobenzene	5.556	168	70354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	127599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109185	65.550	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	131.100%#
35) Dibromofluoromethane	5.391	113	75817	54.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.060%
50) Toluene-d8	8.653	98	263242	52.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.220%
62) 4-Bromofluorobenzene	11.079	95	102245	55.227	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	224	0.258	ug/l	# 42
6) Chloroethane	1.672	64	174	0.302	ug/l	# 41
11) Tert butyl alcohol	2.940	59	1623	Below Cal	#	78
16) Acetone	2.386	43	8858	15.359	ug/l	# 86
18) Methyl Acetate	2.703	43	1069	0.716	ug/l	# 97
20) Methylene Chloride	2.794	84	4942	3.646	ug/l	# 83
25) 2-Butanone	4.580	43	1502	1.758	ug/l	# 79
29) Tetrahydrofuran	5.031	42	173	0.343	ug/l	# 32
31) Cyclohexane	5.550	56	1786	0.960	ug/l	# 25
36) 1,1-Dichloropropene	5.550	75	7048	3.385	ug/l	# 50
37) Ethyl Acetate	4.721	43	9946	5.384	ug/l	# 98
38) Carbon Tetrachloride	5.556	117	9012	4.113	ug/l	# 17
43) Isopropyl Acetate	6.342	43	44977	15.442	ug/l	# 95
48) Methyl methacrylate	7.799	41	42001	29.614	ug/l	# 41
51) 4-Methyl-2-Pentanone	8.549	43	38432	21.549	ug/l	# 50
54) cis-1,3-Dichloropropene	8.555	75	19336	8.062	ug/l	# 62
57) 1,3-Dichloropropane	9.482	76	2794	1.054	ug/l	# 42
59) 2-Hexanone	9.378	43	41063	30.446	ug/l	# 24
74) N-amyl acetate	10.811	43	534	0.381	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	58225	42.116	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	58225	135.820	ug/l	# 12

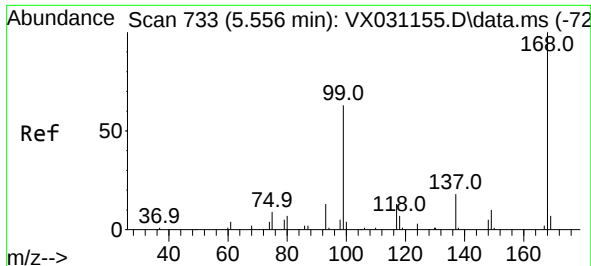
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX031200.D
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ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#04

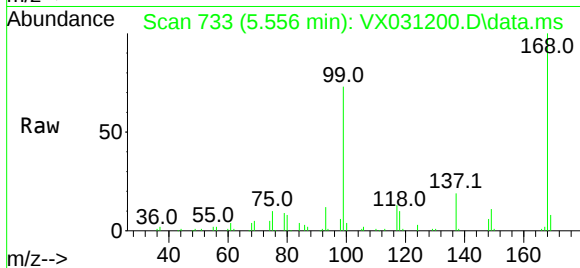
Quant Time: Sep 08 13:59:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



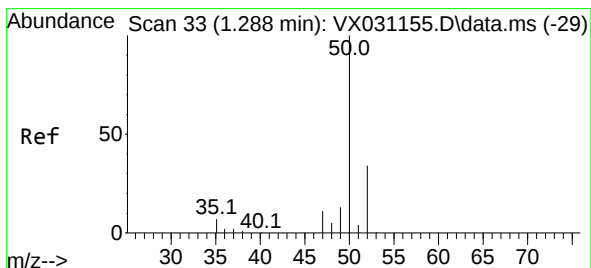
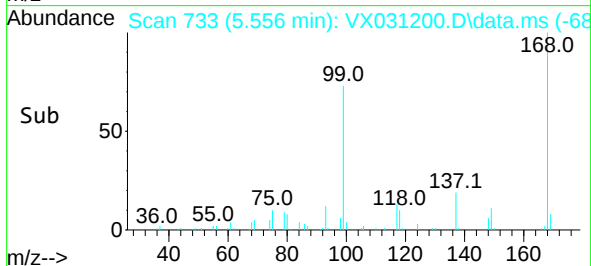
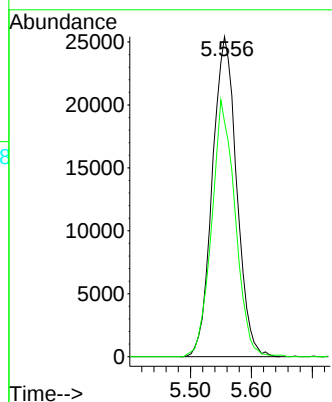


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#04

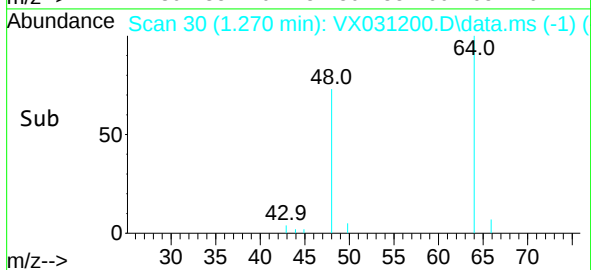
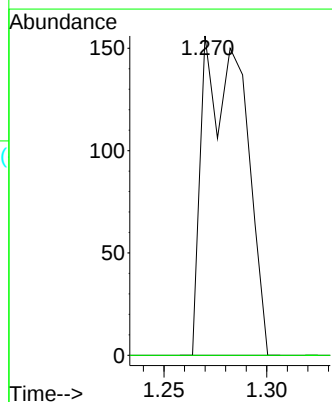
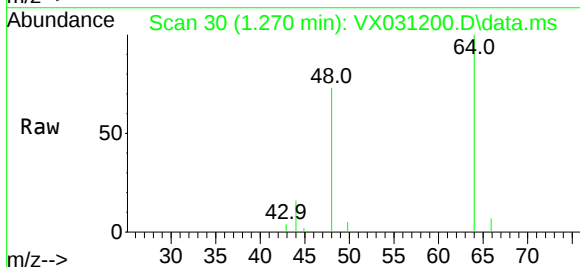


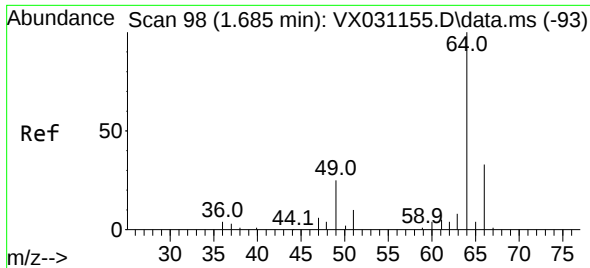
Tgt Ion:168 Resp: 70354
Ion Ratio Lower Upper
168 100
99 73.4 44.0 66.0#



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Tgt Ion: 50 Resp: 224
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

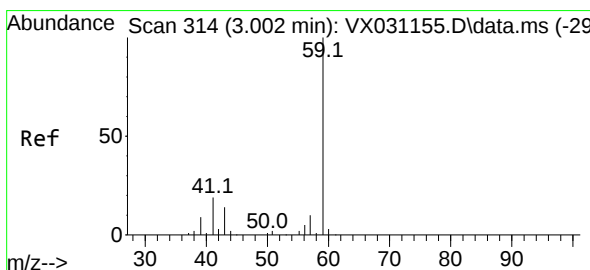
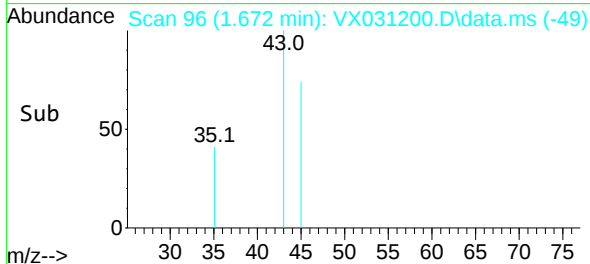
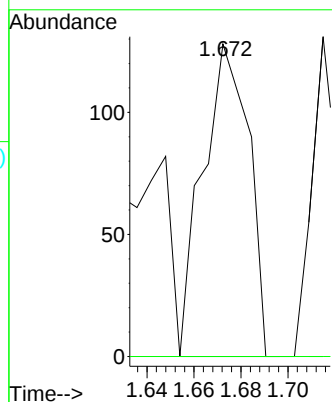
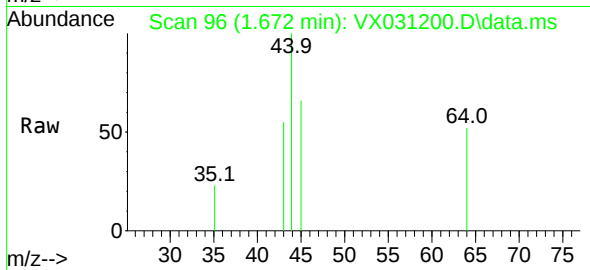




#6
Chloroethane
Concen: 0.302 ug/l
RT: 1.672 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

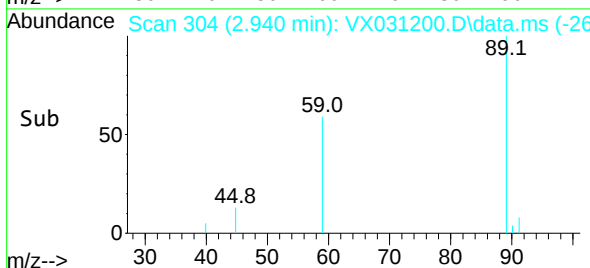
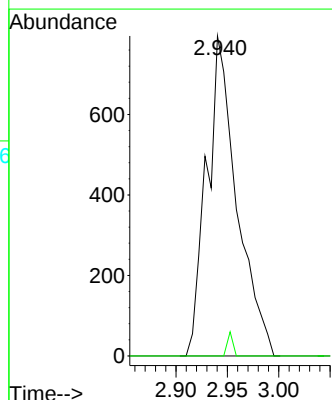
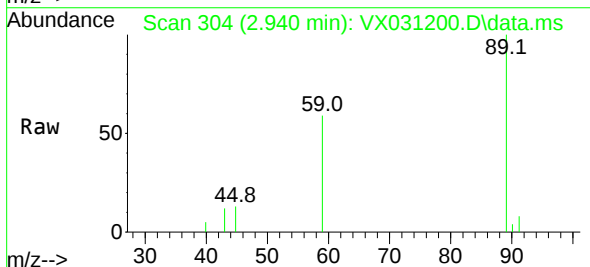
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#04

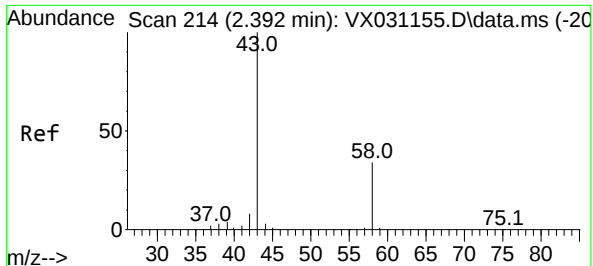
Tgt Ion: 64 Resp: 174
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.062 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Tgt Ion: 59 Resp: 1623
Ion Ratio Lower Upper
59 100
57 1.4 7.4 11.2#

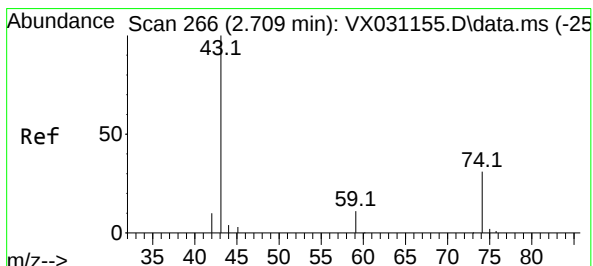
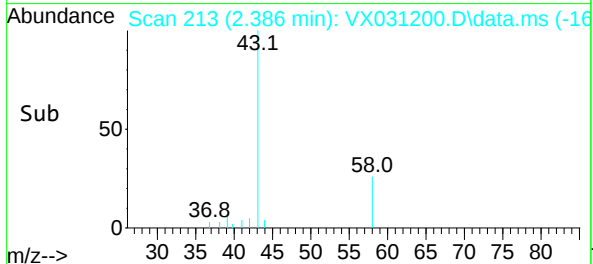
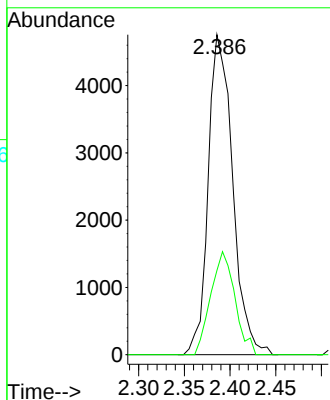
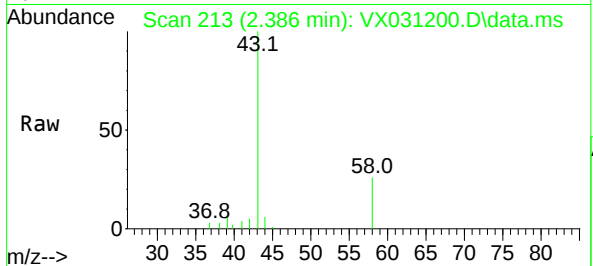




#16
Acetone
Concen: 15.359 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

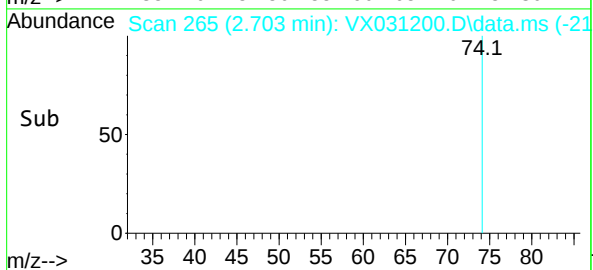
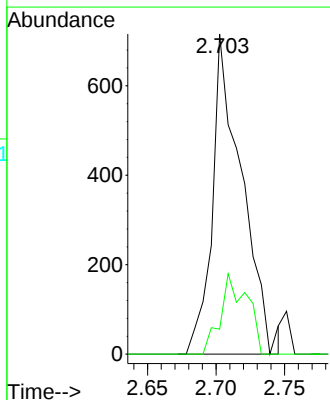
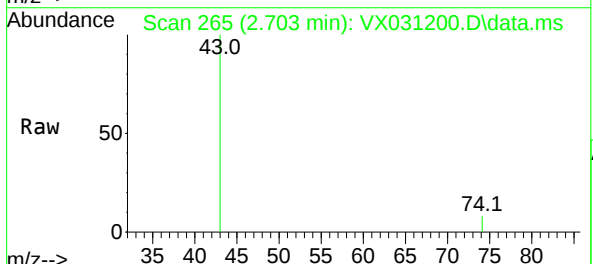
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#04

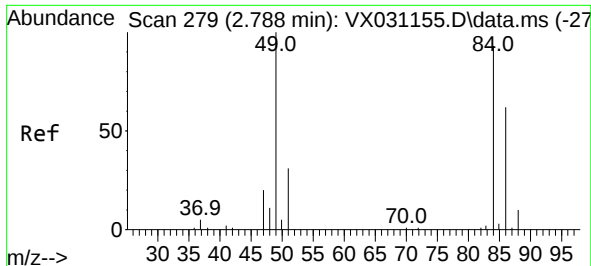
Tgt Ion: 43 Resp: 8858
Ion Ratio Lower Upper
43 100
58 26.3 27.7 41.5#



#18
Methyl Acetate
Concen: 0.716 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2

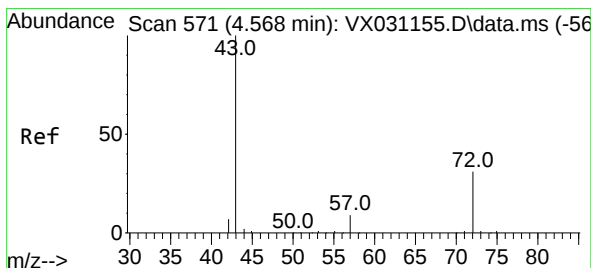
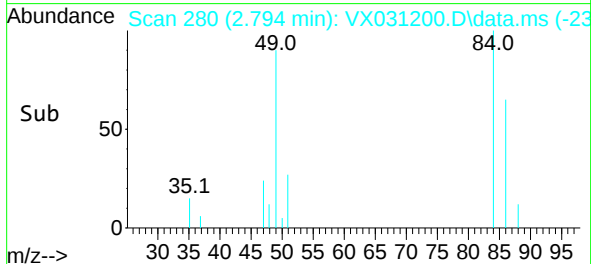
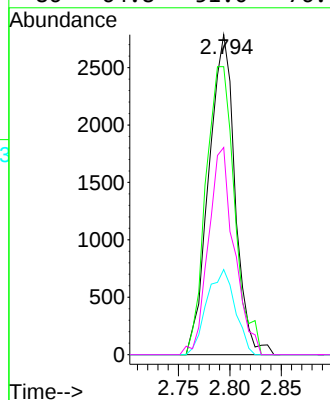
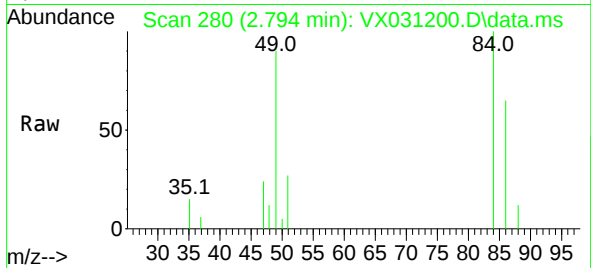




#20
Methylene Chloride
Concen: 3.646 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

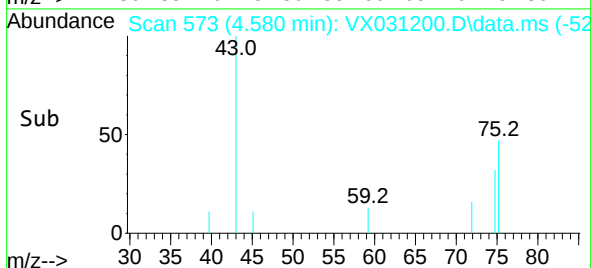
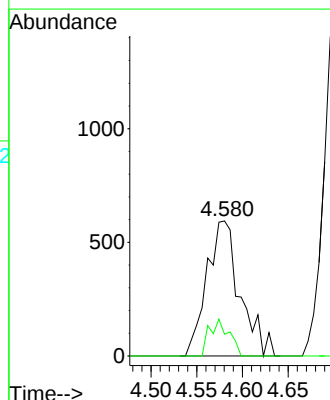
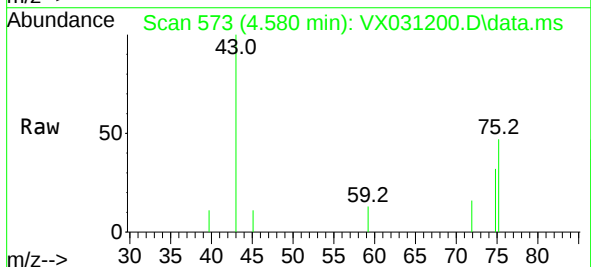
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#04

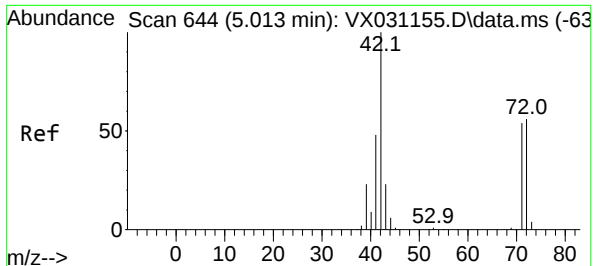
Tgt Ion: 84	Resp: 4942
Ion Ratio	Lower Upper
84 100	
49 90.0	93.8 140.6#
51 26.6	29.4 44.0#
86 64.8	51.0 76.4



#25
2-Butanone
Concen: 1.758 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Tgt Ion: 43	Resp: 1502
Ion Ratio	Lower Upper
43 100	
72 16.2	21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.343 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX031200.D

Acq: 08 Sep 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

PB147495ZHE#04

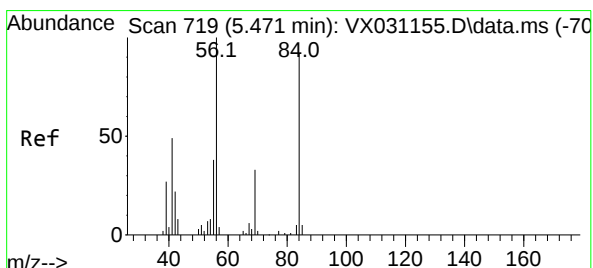
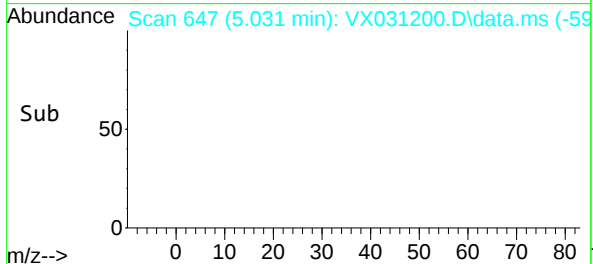
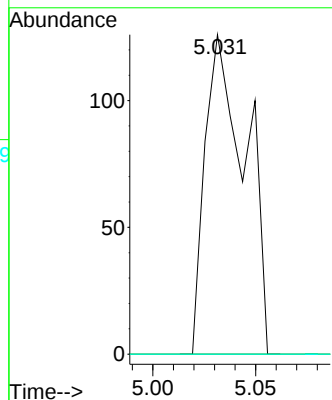
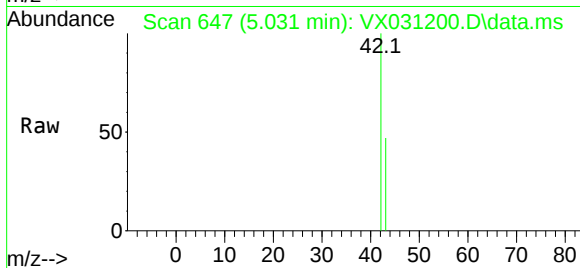
Tgt Ion: 42 Resp: 173

Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 0.960 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031200.D

Acq: 08 Sep 2022 08:48

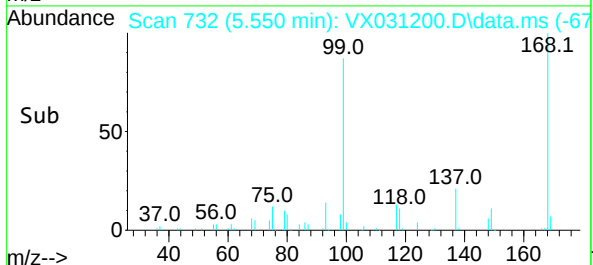
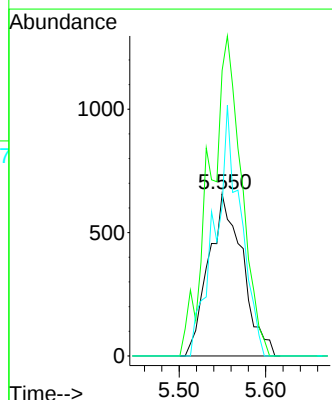
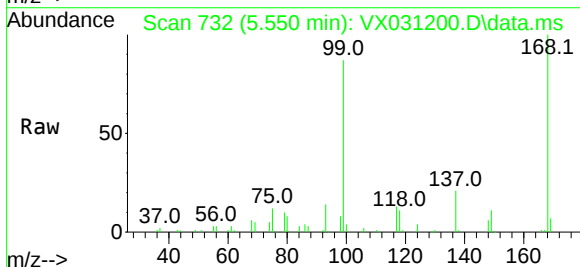
Tgt Ion: 56 Resp: 1786

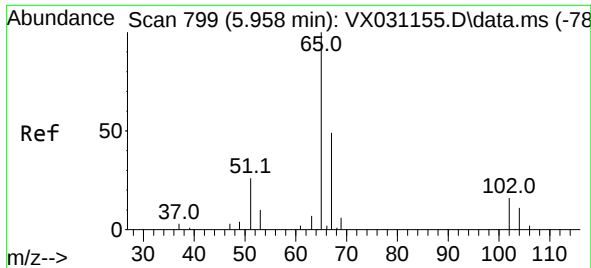
Ion Ratio Lower Upper

56 100

69 176.1 25.4 38.0#

84 92.2 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 65.550 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031200.D

Acq: 08 Sep 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

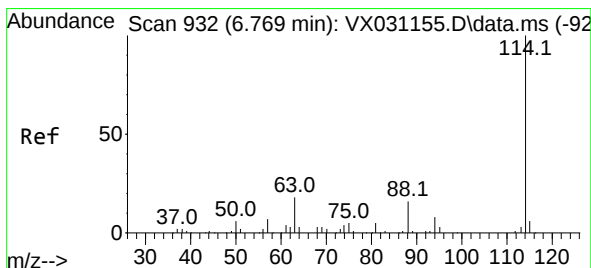
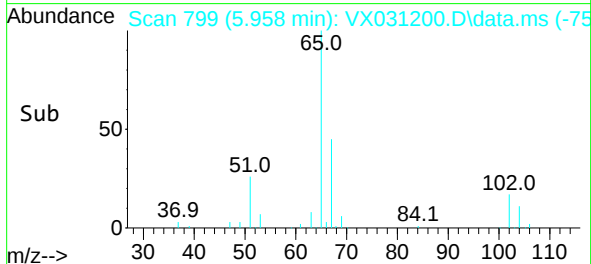
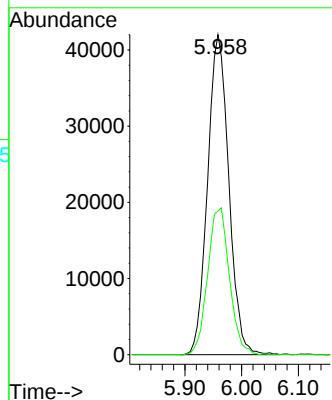
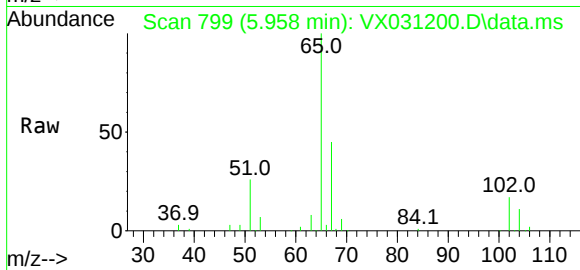
PB147495ZHE#04

Tgt Ion: 65 Resp: 109185

Ion Ratio Lower Upper

65 100

67 47.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031200.D

Acq: 08 Sep 2022 08:48

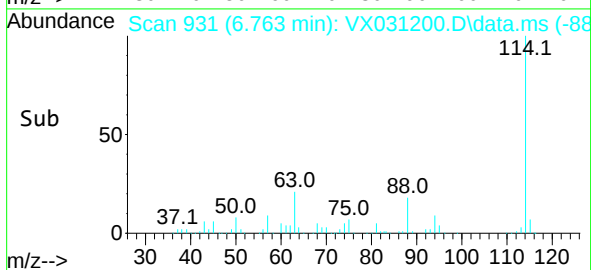
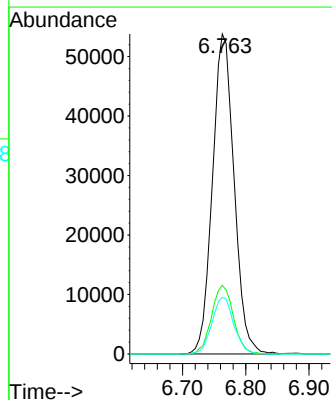
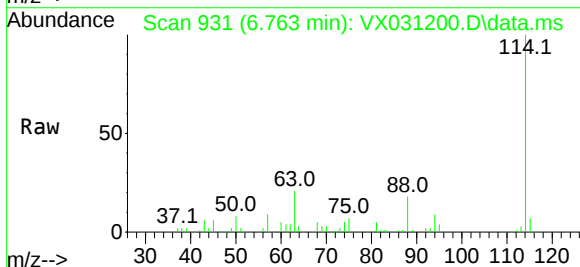
Tgt Ion: 114 Resp: 127599

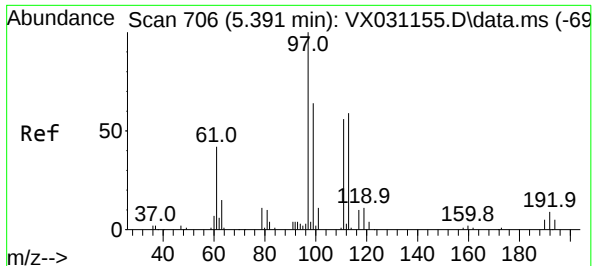
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.4

88 17.7 0.0 31.8

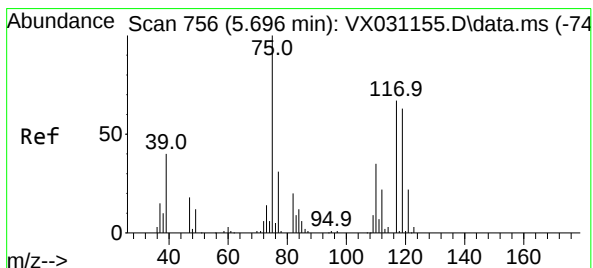
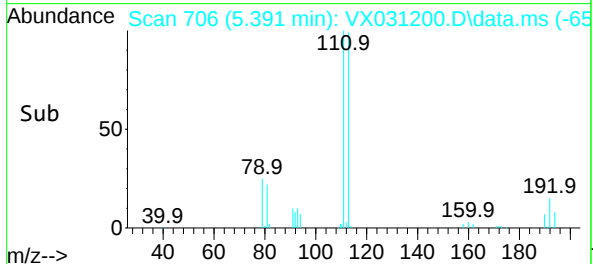
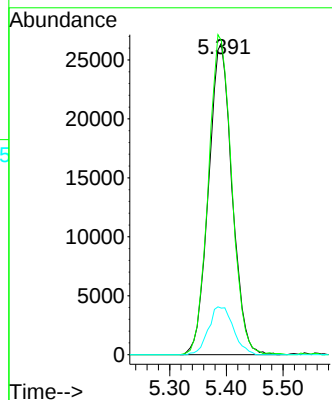
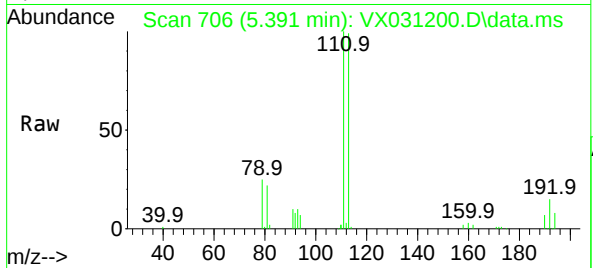




#35
Dibromofluoromethane
Concen: 54.526 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

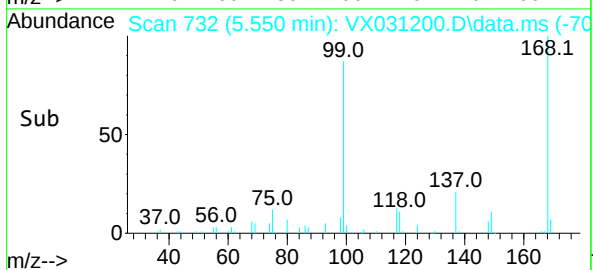
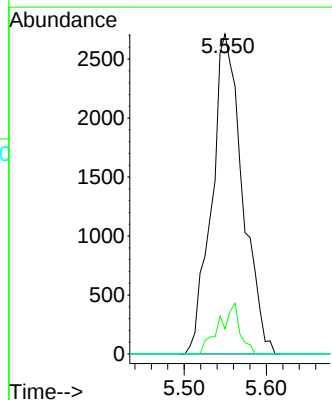
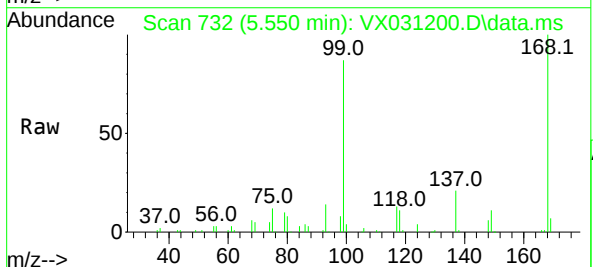
Instrument :
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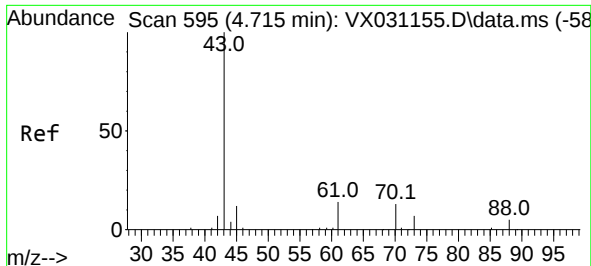
Tgt Ion:113 Resp: 75817
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 16.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.385 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Tgt Ion: 75 Resp: 7048
Ion Ratio Lower Upper
75 100
110 10.8 19.3 57.9#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 5.384 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX031200.D

Acq: 08 Sep 2022 08:48

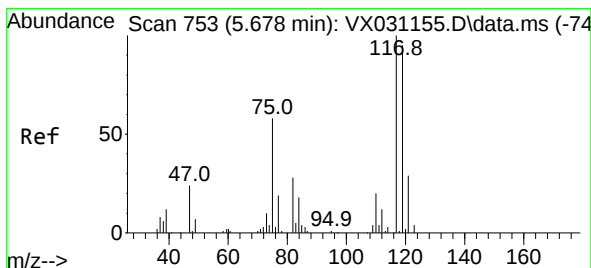
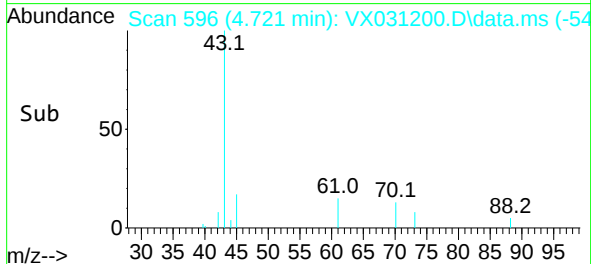
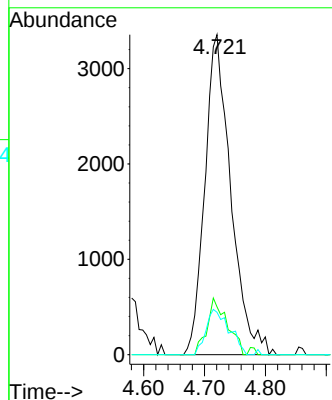
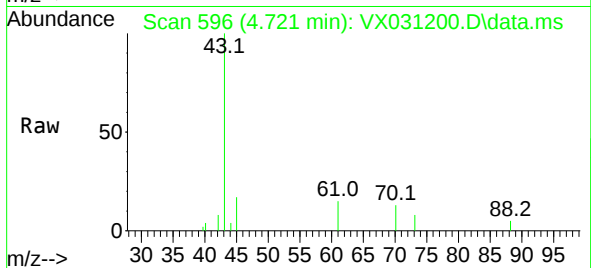
Instrument :

MSVOA_X

ClientSampleId :

PB147495ZHE#04

Tgt Ion: 43	Resp: 9946
Ion Ratio	Lower Upper
43 100	
61 13.7	11.7 17.5
70 12.6	9.3 13.9



#38

Carbon Tetrachloride

Concen: 4.113 ug/l

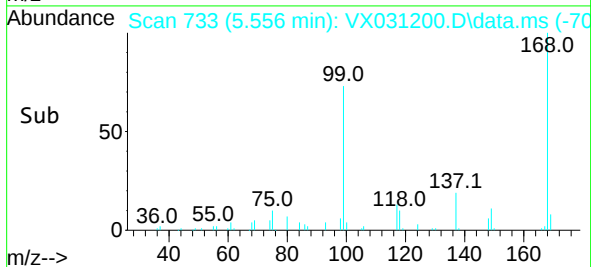
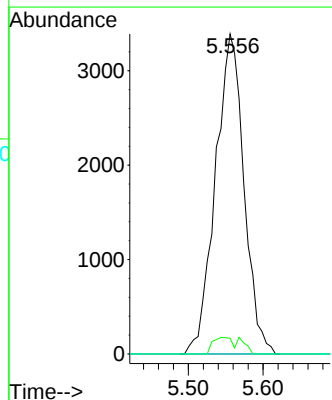
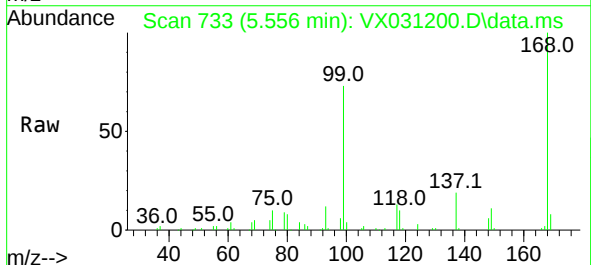
RT: 5.556 min Scan# 733

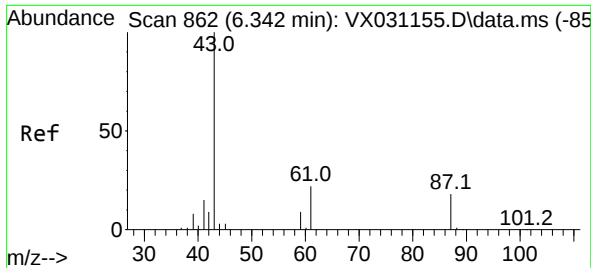
Delta R.T. -0.122 min

Lab File: VX031200.D

Acq: 08 Sep 2022 08:48

Tgt Ion: 117	Resp: 9012
Ion Ratio	Lower Upper
117 100	
119 4.9	74.1 111.1#
121 0.0	25.8 38.8#

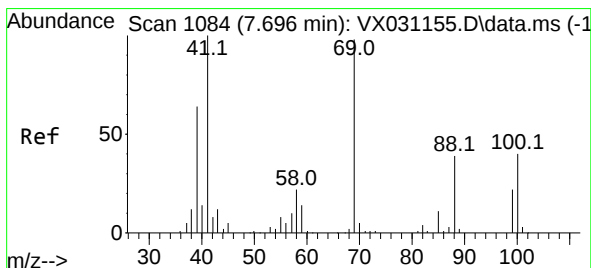
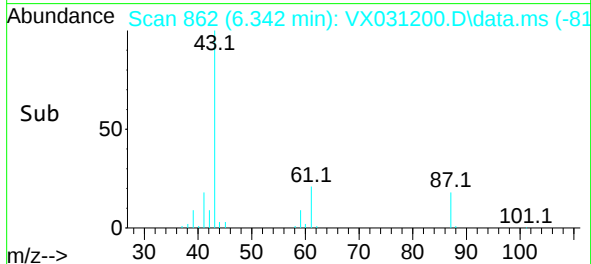
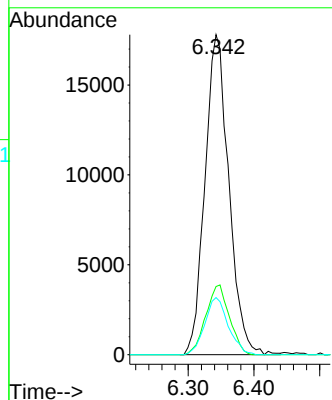
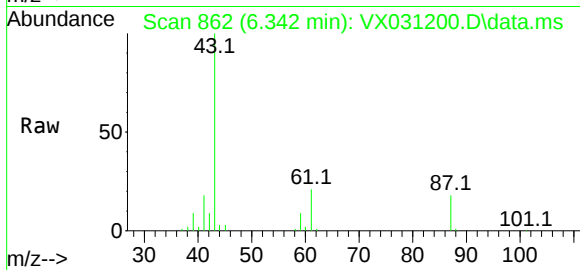




#43
Isopropyl Acetate
Concen: 15.442 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

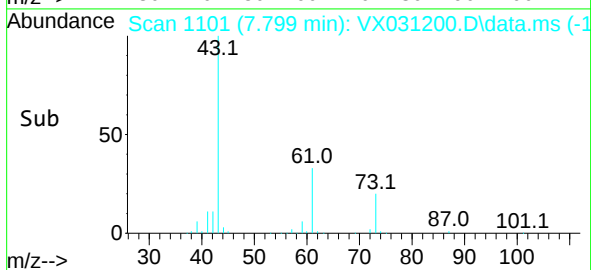
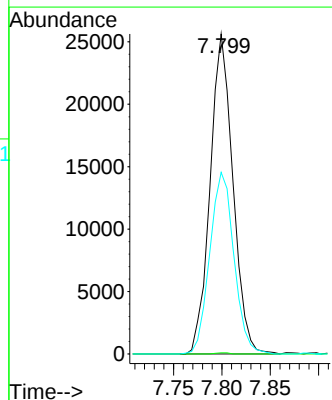
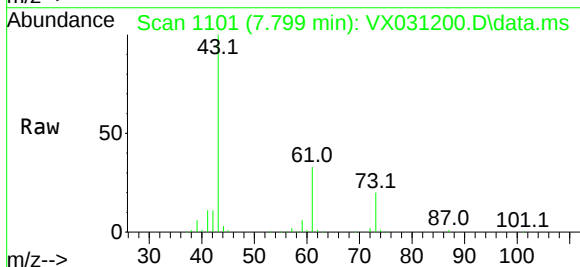
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#04

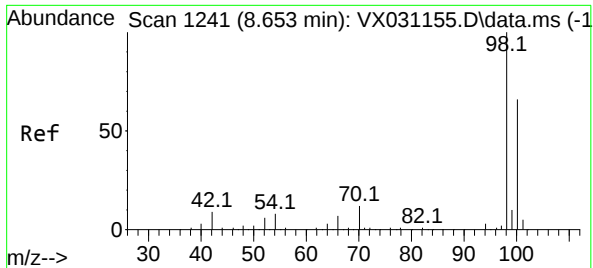
Tgt Ion: 43 Resp: 44977
Ion Ratio Lower Upper
43 100
61 21.4 16.5 24.7
87 17.5 11.1 16.7#



#48
Methyl methacrylate
Concen: 29.614 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Tgt Ion: 41 Resp: 42001
Ion Ratio Lower Upper
41 100
69 0.2 68.8 103.2#
39 60.2 44.6 66.8

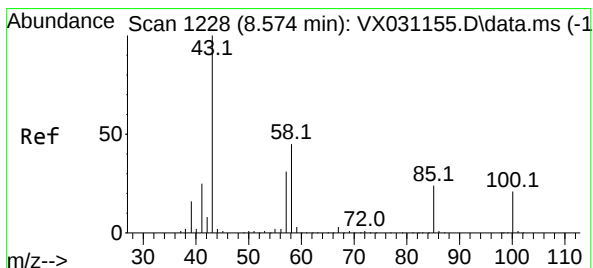
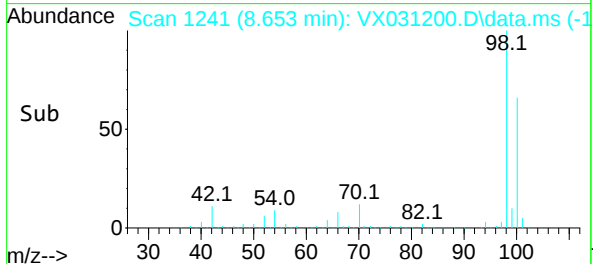
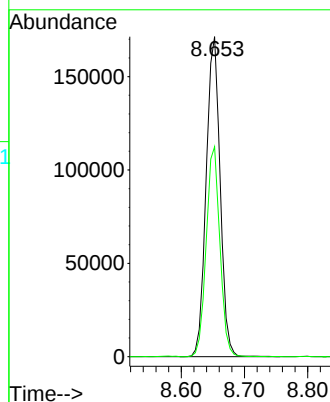
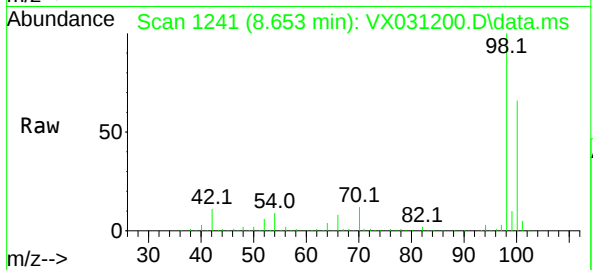




#50
Toluene-d8
Concen: 52.107 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

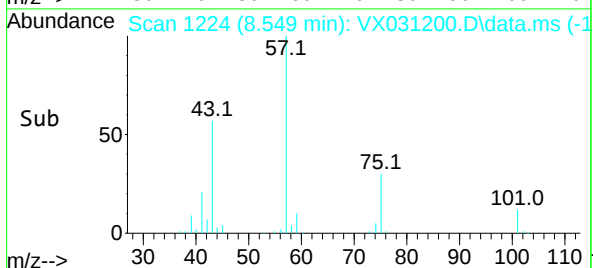
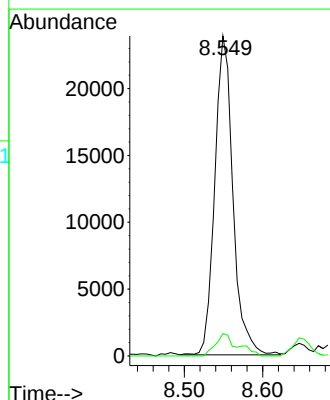
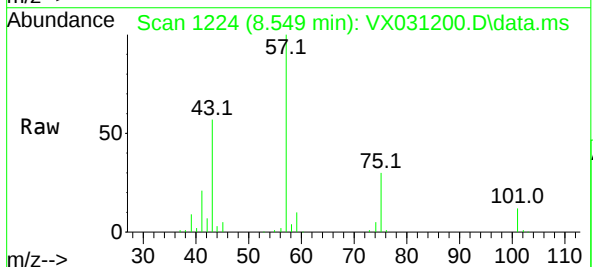
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#04

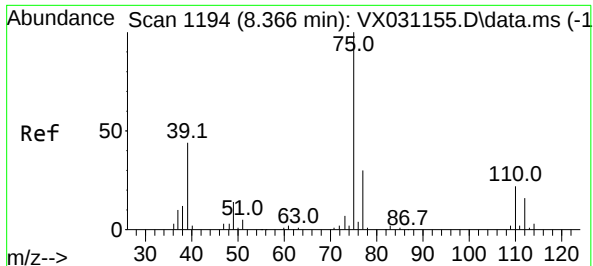
Tgt Ion: 98 Resp: 263242
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 21.549 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Tgt Ion: 43 Resp: 38432
Ion Ratio Lower Upper
43 100
58 8.4 31.4 47.2#

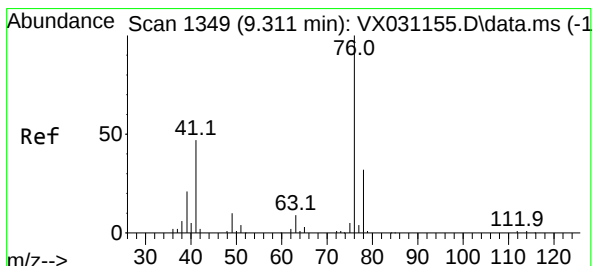
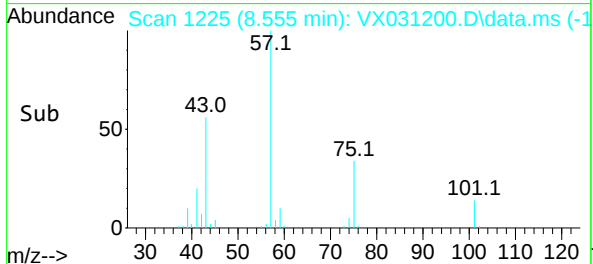
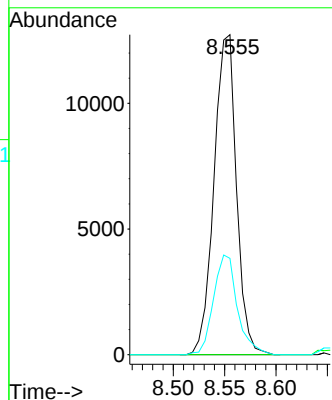
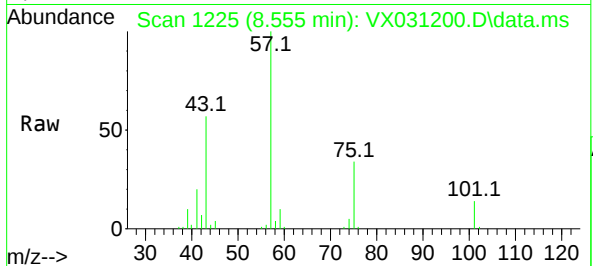




#54
 cis-1,3-Dichloropropene
 Concen: 8.062 ug/l
 RT: 8.555 min Scan# 1194
 Delta R.T. 0.189 min
 Lab File: VX031200.D
 Acq: 08 Sep 2022 08:48

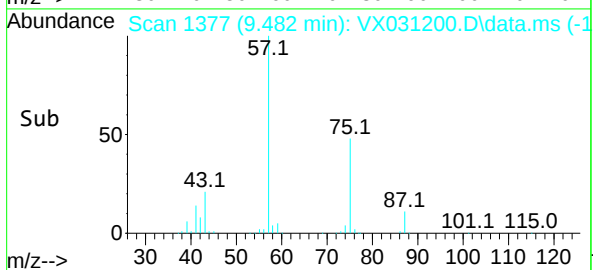
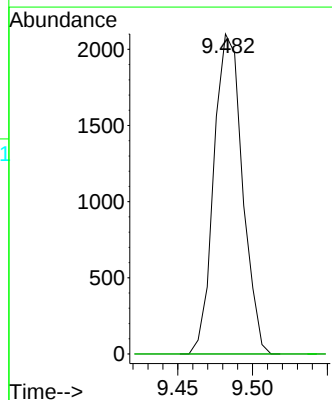
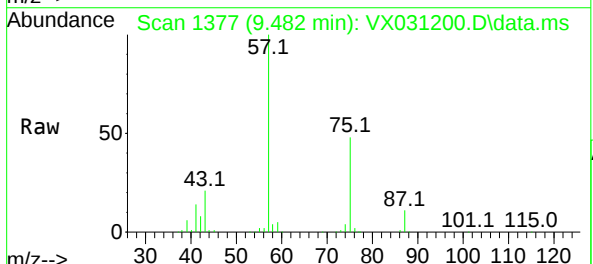
Instrument :
 MSVOA_X
 ClientSampleId :
 PB147495ZHE#04

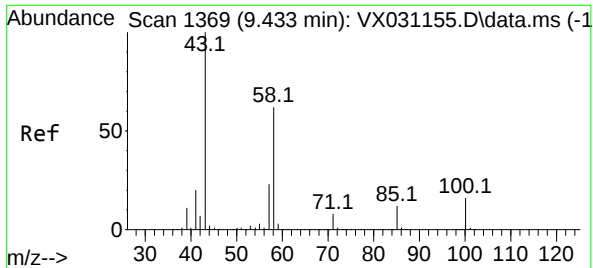
Tgt Ion: 75 Resp: 19336
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 30.1 37.5 56.3#



#57
 1,3-Dichloropropane
 Concen: 1.054 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.170 min
 Lab File: VX031200.D
 Acq: 08 Sep 2022 08:48

Tgt Ion: 76 Resp: 2794
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

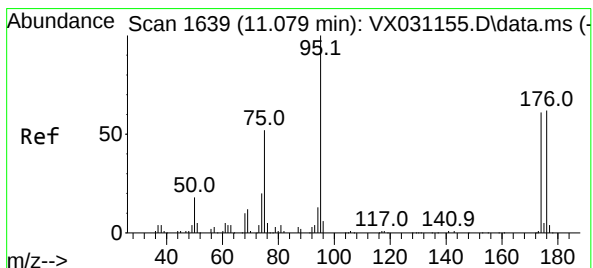
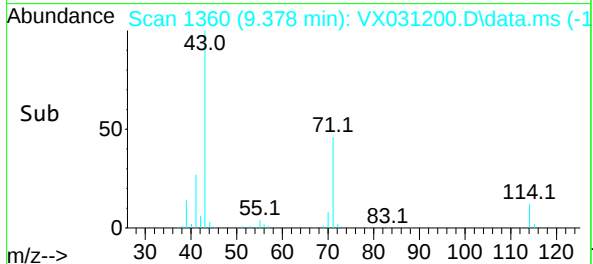
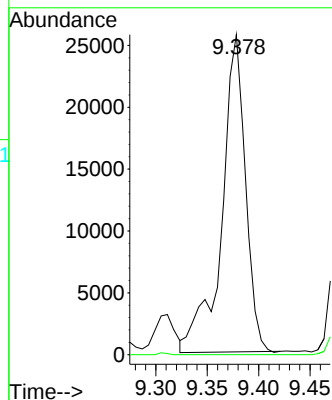
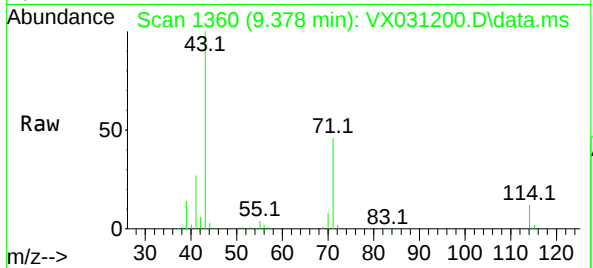




#59
2-Hexanone
Concen: 30.446 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

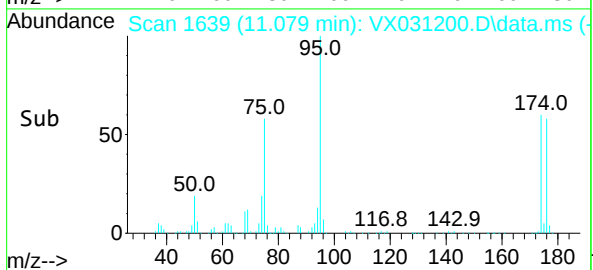
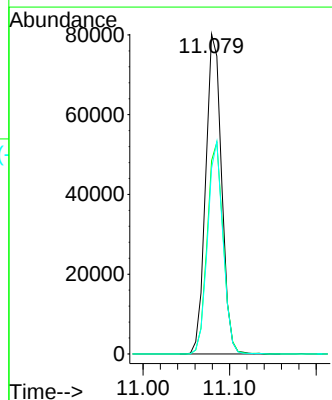
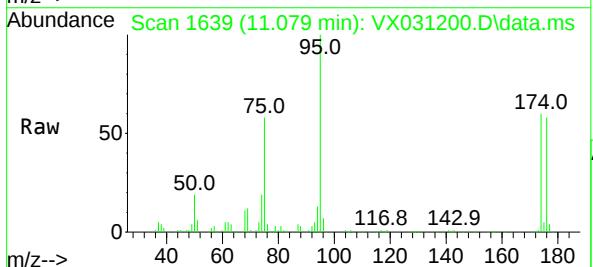
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#04

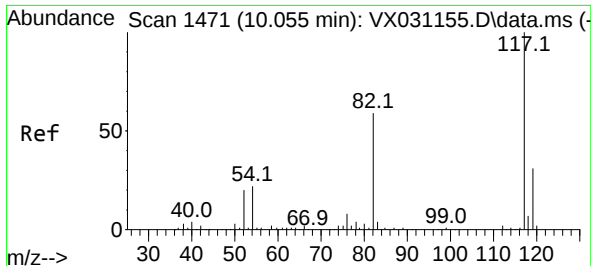
Tgt Ion: 43 Resp: 41063
Ion Ratio Lower Upper
43 100
58 0.0 27.6 82.8#



#62
4-Bromofluorobenzene
Concen: 55.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Tgt Ion: 95 Resp: 102245
Ion Ratio Lower Upper
95 100
174 66.3 0.0 149.0
176 64.3 0.0 146.0

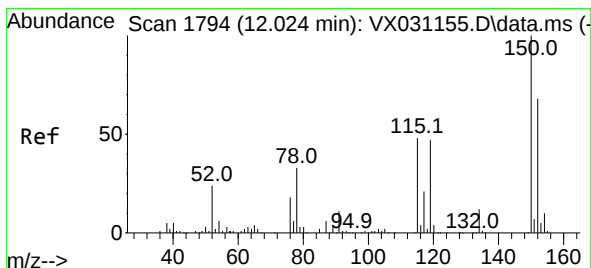
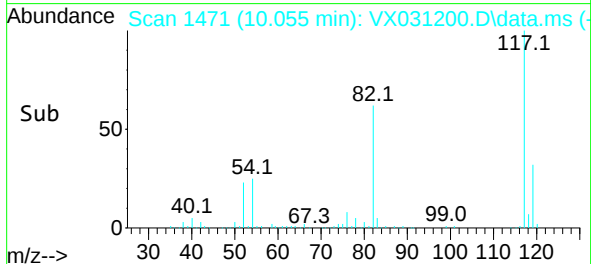
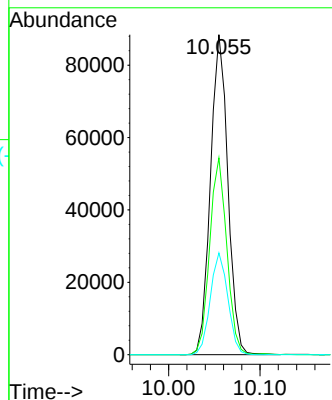
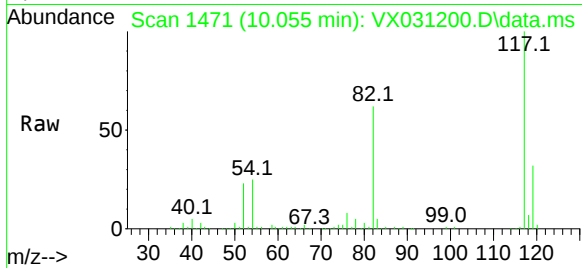




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

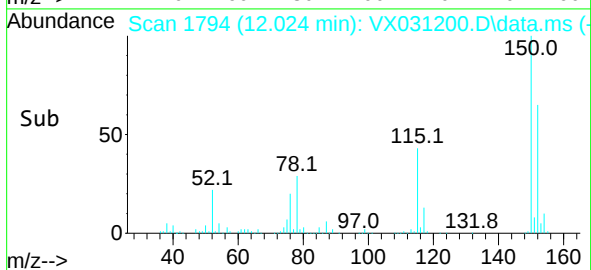
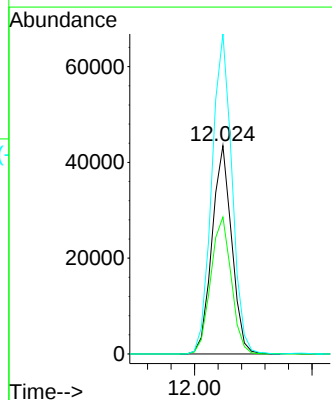
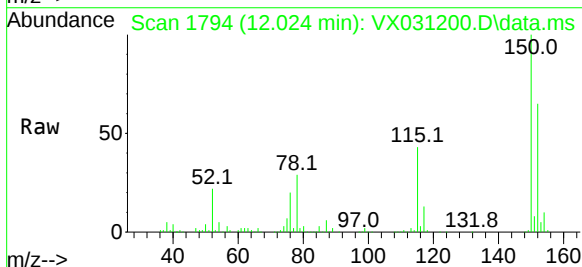
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#04

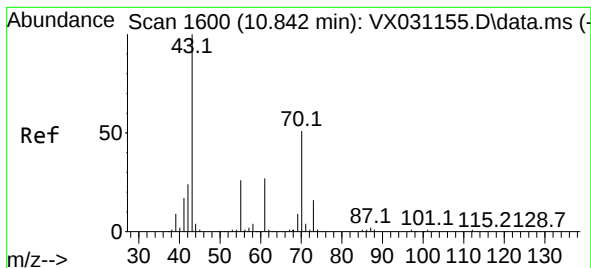
Tgt Ion:117 Resp: 116680
Ion Ratio Lower Upper
117 100
82 61.5 42.7 64.1
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031200.D
Acq: 08 Sep 2022 08:48

Tgt Ion:152 Resp: 50656
Ion Ratio Lower Upper
152 100
115 68.3 40.5 121.5
150 156.8 0.0 347.0





#74

N-amy1 acetate

Concen: 0.381 ug/l

RT: 10.811 min Scan# 1

Delta R.T. -0.031 min

Lab File: VX031200.D

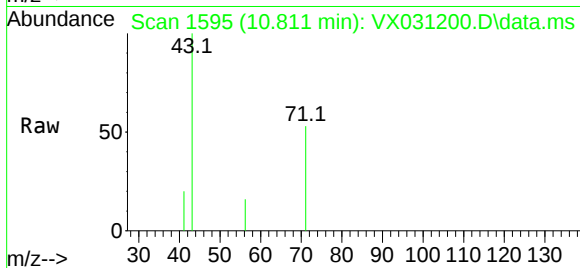
Acq: 08 Sep 2022 08:48

Instrument :

MSVOA_X

ClientSampleId :

PB147495ZHE#04



Tgt Ion: 43 Resp: 534

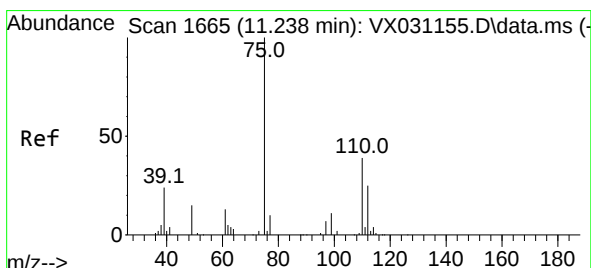
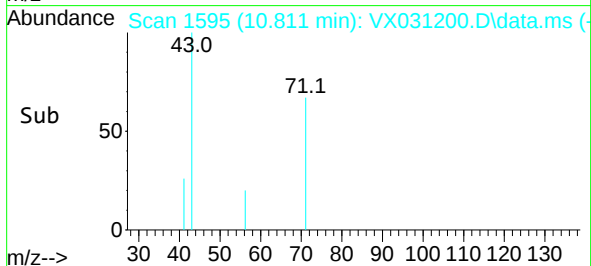
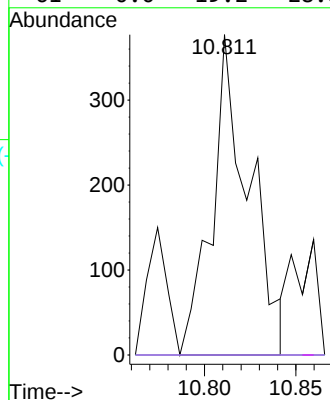
Ion Ratio Lower Upper

43 100

70 0.0 32.3 48.5#

55 0.0 18.4 27.6#

61 0.0 19.2 28.8#



#76

1,2,3-Trichloropropane

Concen: 42.116 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031200.D

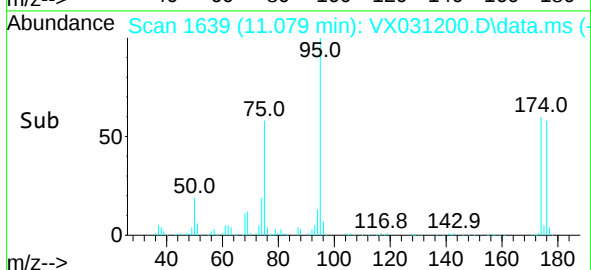
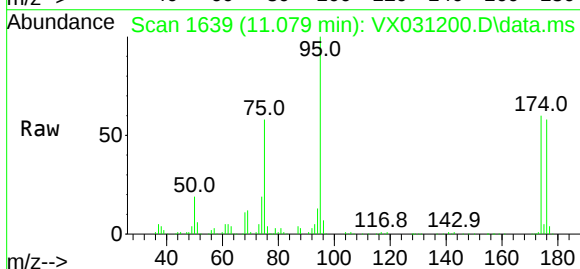
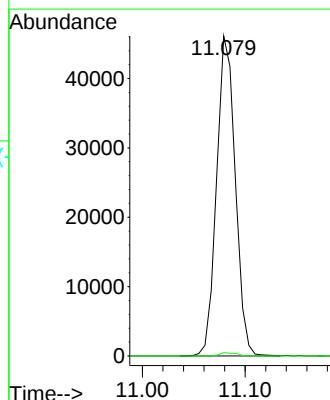
Acq: 08 Sep 2022 08:48

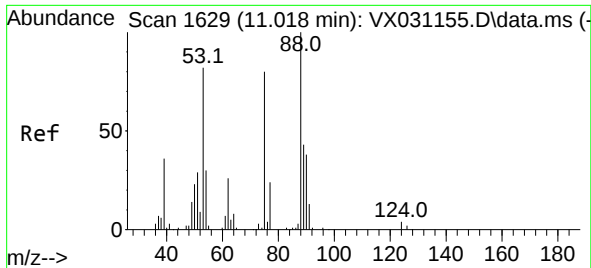
Tgt Ion: 75 Resp: 58225

Ion Ratio Lower Upper

75 100

77 0.9 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.820 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031200.D
 Acq: 08 Sep 2022 08:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147495ZHE#04

Tgt Ion: 75 Resp: 58225
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

